WHAT IS CLAIMED IS:

1. An image display apparatus comprising:

a plurality of lines;

a plurality of display devices to which signals are respectively applied by said plurality of lines; and

a signal circuit for generating said signals, each of which has a duration equivalent to a high-level period corrected in accordance with the length of a high-level period for a signal that is to be applied to a line adjacent to each of said plurality of lines.

2. An image display apparatus according to claim 1, wherein said signal circuit includes a modulation circuit for generating a signal having a duration equivalent to a high-level period that correspond with a signal having a predetermined value; and wherein said signal having a duration equivalent to said corrected high-level period is a signal that is generated, by said modulation circuit, in accordance with a signal having a value that is corrected based on a value of a luminance signal corresponding to a signal to be applied to an adjacent line.

3. An image display apparatus according to claim 1, wherein said signal circuit includes a modulation circuit for generating a signal having a duration

equivalent to a high-level period that correspond with a signal having a predetermined value; and wherein said signal having a duration equivalent to said corrected high-level period is a signal that is generated, by said modulation circuit, in accordance with a signal having a value that is corrected based on the length of a high-level period of a signal to be applied to an adjacent line.

4. An image display apparatus according to one of claims 1 to 3, wherein, during a predetermined time period, said signal circuit applies, to said plurality of lines, signals for which the rising times in high-level periods are identical.

5. An image display apparatus according to claim 4, wherein, for each of said signals to be applied to said lines, said signal circuit extends the length of said high-level period when the length of said high-level period for a signal to be applied to an adjacent line is shorter.

6. An image display apparatus according to one of claims 1 to 3, wherein, during a predetermined time period, said signal circuit applies, to said plurality of lines, signals for which the falling times in high-level periods are identical.

7. An image display apparatus according to claim 6, wherein, for each of said signals to be applied to said lines, said signal circuit reduces the length of said high-level period when the length of said high-level period for a signal to be applied to an adjacent line is shorter.

8. An image display apparatus comprising:

a plurality of lines;

a plurality of display devices to which signals are respectively applied by said plurality of lines; and

a signal circuit for generating said signals, each of which has a duration equivalent to a high-level period corrected in accordance with the number of times the level of a signal, which is to be applied to an adjacent line, is changed during a high-level period for a signal that is to be applied to each of said plurality of lines.

9. An image display apparatus according to claim 8, wherein said signal circuit includes a modulation circuit for producing a signal having a duration equivalent to a high-level period that correspond with a signal having a predetermined value; and wherein said corrected signal, which has a duration equivalent to a high-level period, is produced by said modulation

circuit in accordance with a signal having a value that is corrected based on a value of a luminance signal that corresponds to a signal to be applied to an adjacent line.

10. An image display apparatus according to claim 8, wherein said signal circuit includes a modulation circuit for producing a signal having a duration equivalent to a high-level period that correspond with a signal having a predetermined value; and wherein said corrected signal having a duration equivalent to a high-level period is a signal having a duration equivalent to a high-level period that is corrected based on the number of times the level of a signal that is to be applied to said adjacent line is changed.

11. An image display apparatus according to one of claims 8 to 10, wherein, during a predetermined period of time, said signal circuit applies to said plurality of lines, signals for which the rising times in a high-level period are identical.

12. An image display apparatus according to claim 11, wherein, when a signal to be applied to an adjacent line in said high-level period falls, said signal circuit extends the length of said high-level periods for said signals to be applied to said plurality of

lines.

13. An image display apparatus according to one of claims 8 to 10, wherein, during a predetermined period of time, said signal circuit applies, to said plurality of lines, signals for which the falling times in a high-level period are identical.

14. An image display apparatus according to claim 13, wherein, when a signal to be applied to an adjacent line in said high-level period rises, said signal circuit reduces the length of said high-level periods for said signals to be applied to said plurality of lines.

15. An image display apparatus comprising:

a plurality of lines;

a plurality of display devices to which signals are respectively applied by said plurality of lines; and

a signal circuit for generating said signals, each of which, when output to one of said plurality of lines, has a duration that is equivalent to a high-level period that is corrected in order to reduce a change in luminance that occurs in response to a level change for a signal that is to be applied to an adjacent line.

16. An image display apparatus according to claim 15, wherein said signal circuit outputs a signal, which has a duration that is equivalent to a high-level period that is corrected in order to reduce a change in luminance that occurs in response to a level change, for a signal to be applied to an adjacent line, that occurs during said high-level period for each of said signals that are to be applied to each of said plurality of lines.

17. An image display apparatus according to one of claims 1 to 3, 5, 7 to 10, 12, and 14 to 16, wherein a second line is provided along which a signal is applied to simultaneously set said plurality of display devices to a semi-driven state.

18. An image display apparatus according to claim 17, wherein a plurality of said second lines are provided, and wherein said plurality of display devices correspond respectively to said second lines.

19. An image display apparatus according to claim 18, wherein said signal for setting said semi-driven state is a scan signal for sequentially selecting said second lines.

20. An image display apparatus according to one

of claims 3, 5, 7 to 10, 12 and 14 to 16, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

21. An image display apparatus according to claim 4, wherein a second line is provided along which a signal is applied to simultaneously set said plurality of display devices to a semi-driven state.

22. An image display apparatus according to claim 21, wherein a plurality of said second lines are provided, and wherein said plurality of display devices correspond respectively to said second lines.

23. An image display apparatus according to claim 22, wherein said signal for setting said semi-driven state is a scan signal for sequentially selecting said second lines.

24. An image display apparatus according to claim 4, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

25. An image display apparatus according to claim 21, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

26. An image display apparatus according to claim 22, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

27. An image display apparatus according to claim 23, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

28. An image display apparatus according to claim 6, wherein a second line is provided along which a signal is applied to simultaneously set said plurality of display devices to a semi-driven state.

29. An image display apparatus according to claim

28, wherein a plurality of said second lines are provided, and wherein said plurality of display devices correspond respectively to said second lines.

30. An image display apparatus according to claim 29, wherein said signal for setting said semi-driven state is a scan signal for sequentially selecting said second lines.

31. An image display apparatus according to claim 6, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

32. An image display apparatus according to claim 28, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

33. An image display apparatus according to claim 29, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron

beams that are emitted by said electron emission devices.

34. An image display apparatus according to claim 30, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

35. An image display apparatus according to claim 11, wherein a second line is provided along which a signal is applied to simultaneously set said plurality of display devices to a semi-driven state.

36. An image display apparatus according to claim 35, wherein a plurality of said second lines are provided, and wherein said plurality of display devices correspond respectively to said second lines.

37. An image display apparatus according to claim 36, wherein said signal for setting said semi-driven state is a scan signal for sequentially selecting said second lines.

38. An image display apparatus according to claim 11, wherein said display devices are composed of

electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

39. An image display apparatus according to claim 35, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

40. An image display apparatus according to claim 36, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

41. An image display apparatus according to claim 37, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

42. An image display apparatus according to claim

13, wherein a second line is provided along which a signal is applied to simultaneously set said plurality of display devices to a semi-driven state.

43. An image display apparatus according to claim 42, wherein a plurality of said second lines are provided, and wherein said plurality of display devices correspond respectively to said second lines.

44. An image display apparatus according to claim 43, wherein said signal for setting said semi-driven state is a scan signal for sequentially selecting said second lines.

45. An image display apparatus according to claim 13, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

46. An image display apparatus according to claim 42, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

47. An image display apparatus according to claim 43, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

48. An image display apparatus according to claim 44, wherein said display devices are composed of electron emission devices, and wherein, in order to form an image, phosphors are irradiated by electron beams that are emitted by said electron emission devices.

49. An image display method, for displaying an image using a plurality of lines and a plurality of display devices to which signals are respectively applied by said plurality of lines, whereby said display devices are driven by the output, to said plurality of lines, of a signal that has a duration, which is equivalent to a high-level period, that is corrected in accordance with the length of a high-level period for a signal that is to be applied to a line adjacent to each of said plurality of lines.

50. An image display method, for displaying an image using a plurality of lines and a plurality of

display devices to which signals are respectively applied by said plurality of lines, whereby said display devices are driven by the output, to said plurality of lines, of a signal having a duration, which is equivalent to a high-level period, that is corrected in accordance with the number of times the level of a signal that is to be applied to an adjacent line is changed during a high-level period for a signal that is to be applied to each of said plurality of lines.

51. An image display method, for displaying an image using a plurality of lines and a plurality of display devices to which signals are respectively applied by said plurality of lines, whereby said display devices are driven by the output, to said plurality of lines, of a signal that has a duration, which is equivalent to a high-level period, that is corrected in order to reduce a change in luminance, which is due to a change in the level of a signal that is to be applied to an adjacent line.

Add A1

Add B1